

ABSTRACT

A process for the preparation of a supported metallocene catalyst incorporating metallocene and co-catalysts components on a support. There is provided a particulate catalyst support material in which an alumoxane co-catalyst is incorporated onto the support particles and 5 contacted with a dispersion of a metallocene catalyst in an aromatic hydrocarbon solvent. The metallocene solvent dispersion and the alumoxane-containing support are mixed at a temperature of about 10°C or less for a period sufficient to enable the metallocene to become reactively supported on the alumoxane support material. The supported catalyst is recovered from the aromatic solvent and then washed optionally with an aromatic hydrocarbon and then sequentially with a paraffinic hydrocarbon solvent at a temperature of about 10°C or less. The washed catalyst is dispersed in a viscous mineral oil having a viscosity which is substantially greater than the viscosity of the paraffinic hydrocarbon solvent.